



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: *Stevenson, Don R., et al* **Examiner:** *Unknown*
Serial #: *10/086,619* **Art Unit:** *1713*
Filing Date: *March 1, 2002* **Date:** *April 9, 2002*
Title: *Phosphite Ester Additive Compositions*

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Information Disclosure Statement

This Information Disclosure Statement is made within the earlier of: (1) three months after the filing date of the application §1.97(b)(1); (2) within three months of the date of entry of the national stage as set forth in §1.491 in an international application §1.97(b)(2); (3) before the mailing date of a first Office action on the merits §1.97(b)(3); or (4) before the mailing of a first Office action after the filing of a request for continued examination under §1.97. Therefore, this statement is considered timely under 37 C.F.R. §1.97(b).

According to the terms of 37 C.F.R. §1.97(g), this Disclosure Statement shall not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(a) exists. While this Information Disclosure Statement may be "material" pursuant to 37 C.F.R. §1.56(b), it is not intended to constitute admission that any patent, publication or other information referred to therein is "material to patentability" under 37 C.F.R. §1.97(h) for this invention unless specifically designated.

In accordance and conformity with Form PTO-1449, the applicant will draw the examiner's attention to various column / line number combinations. To the best of the applicant's ability, these sections are believed to be illustrative of at least portions of the teachings of the prior patented invention. It is however, entirely conceivable that technical minds may come to different conclusions as to the relevance of any one passage or series of passages, within a patent. By identifying these column / line number combinations, it is not meant to be construed as an admission on the part of the applicant that other sections are not relevant. The examiner is invited to review the documents in their entirety and reach his or her own conclusion.

In accordance with 37 C.F.R. §1.56, applicant wishes to call the attention of the Examiner to the following references, which were uncovered by the applicant. Copies of these references are also submitted herewith along with form PTO-1449, as well as summaries of the references.

U.S. Patent Documents

Ref. #	Patent #	Inventor	Publication Date
AA	US 2,564,646	Leistner, et al.	14-Aug-1951
	Abstract	Haze Resistant Vinyl Chloride Polymers	
Ref. #	Patent #	Inventor	Publication Date
AB	US 3,281,381	Hechenbleikner, et al.	25-Oct-1966
	Abstract	Reaction Products of Pentaerythritol and Phosphites as Vinyl Chloride Stabilizer	
Ref. #	Patent #	Inventor	Publication Date
AC	US 3,558,537	Hecker, et al.	26-Jan-1971
	Abstract	Imparting Antifogging Properties to Polyvinyl Chloride Resins and Compositions Therefor	
Ref. #	Patent #	Inventor	Publication Date
AD	US 3,928,267	Rhodes, et al.	23-Dec-1975
	Abstract	Liquid Stabilizer System for Polyvinyl Chloride	
Ref. #	Patent #	Inventor	Publication Date
AE	US 3,931,364	Giolito, et al.	06-Jan-1976
	Abstract	Color Improvement of Phosphate Esters	
Ref. #	Patent #	Inventor	Publication Date
AF	US 3,943,081	Brook, et al.	09-Mar-1976
	Abstract	Stabilizers for Polyvinyl Chloride	
Ref. #	Patent #	Inventor	Publication Date
AG	US 4,134,868	Minagawa, et al.	16-Jan-1979
	Abstract	Aromatic Carboxylic Acid Ester Stabilizers for PVC Resins	
Ref. #	Patent #	Inventor	Publication Date
AH	US 4,159,261	Dieckmann	26-Jun-1979
	Abstract	Stabilization of Vinyl Halide Resins	

Ref. #	Patent #	Inventor	Publication Date
AI	US 4,159,973	Hoch, et al.	03-Jul-1979
	Abstract	Stabilizer Systems and Vinyl Halide Resin Compositions Containing Same	
Ref. #	Patent #	Inventor	Publication Date
AJ	US 4,206,103	Kromolicki, et al.	03-Jun-1980
	Abstract	Vinyl Chloride Polymers Having Improved Stability	
Ref. #	Patent #	Inventor	Publication Date
AK	US 4,244,848	Minagawa, et al.	13-Jan-1981
	Abstract	Halogen Containing Resin Composition	
Ref. #	Patent #	Inventor	Publication Date
AL	US 4,310,429	Lai	12-Jan-1982
	Abstract	Stabilized Polymers, Novel Stabilizers, and Synthesis Thereof	
Ref. #	Patent #	Inventor	Publication Date
AM	US 4,333,868	Schmidt, et al.	08-Jun-1982
	Abstract	Phosphite Ester Stabilizers	
Ref. #	Patent #	Inventor	Publication Date
AN	US 4,346,025	Leistner, et al.	24-Aug-1982
	Abstract	Stabilized Vinyl Chloride Polymer Comprising a Phenylethylidene Aryl Phosphite	
Ref. #	Patent #	Inventor	Publication Date
AO	US 4,402,858	Capolupo, et al.	06-Sep-1983
	Abstract	Hydrolytically Stable Antioxidant Composition	
Ref. #	Patent #	Inventor	Publication Date
AP	US 4,601,839	Lai	22-Jul-1986
	Abstract	Stabilized Polymers, Novel Stabilizers, and Synthesis Thereof	
Ref. #	Patent #	Inventor	Publication Date
AQ	US 4,614,756	Valdiserri	30-Sep-1986
	Abstract	Stabilization Composition for Clean, Impact-Modified PVC	
Ref. #	Patent #	Inventor	Publication Date
AR	US 4,661,544	Quinn	28-Apr-1987
	Abstract	Homogeneous Stabilizer Compositions for Vinyl Halide Polymers	

Ref. #	Patent #	Inventor	Publication Date
BA	US 4,751,118	Wypart, et al.	14-Jun-1988
	Abstract	Clear Polyvinyl Chloride Articles and Compositions	
Ref. #	Patent #	Inventor	Publication Date
BB	US 4,782,170	Bae, et al.	01-Nov-1988
	Abstract	Liquid Polyvinyl Chloride Resin Stabilizer Systems Based on Complexes of Organic Triphosphites with Zinc Chloride	
Ref. #	Patent #	Inventor	Publication Date
BC	US 5,283,273	Sander, et al.	01-Feb-1994
	Abstract	Stabilized Chlorine Containing Polymers	
Ref. #	Patent #	Inventor	Publication Date
BD	US 5,374,377	Nguyen, et al.	20-Dec-1994
	Abstract	Phosphorescent Polyvinyl Chloride Films	
Ref. #	Patent #	Inventor	Publication Date
BE	US 5,519,076	Odaira, et al.	21-May-1996
	Abstract	Halogen-Containing Resin Composition	
Ref. #	Patent #	Inventor	Publication Date
BF	US 5,519,077	Drewes, et al.	21-May-1996
	Abstract	Stabilized Polyvinyl Chloride	
Ref. #	Patent #	Inventor	Publication Date
BG	US 5,534,566	Wehner, et al.	09-Jul-1996
	Abstract	Stabilized Halogen-Containing Polymers	
Ref. #	Patent #	Inventor	Publication Date
BH	US 5,814,691	Kuhn, et al.	29-Sep-1998
	Abstract	Stabilized Polyvinyl Chloride	
Ref. #	Patent #	Inventor	Publication Date
BI	US 5,880,190	Croce, et al.	09-Mar-1999
	Abstract	Liquid PVC Stabilizers and Lubricants	
Ref. #	Patent #	Inventor	Publication Date
BJ	US 5,889,095	Inui, et al.	30-Mar-1999

	<i>Abstract</i>	<i>Phosphites, Process for Producing the Same and Their Use</i>	
<i>Ref. #</i>	<i>Patent #</i>	<i>Inventor</i>	<i>Publication Date</i>
BK	US 5,969,015	Zinke, et al.	19-Oct-1999
	<i>Abstract</i>	<i>Monomeric and Oligomeric Bisphosphites as Stabilizers for Polyvinyl Chloride</i>	
<i>Ref. #</i>	<i>Patent #</i>	<i>Inventor</i>	<i>Publication Date</i>
BL	US 6,013,703	Kuhn, et al.	11-Jan-2000
	<i>Abstract</i>	<i>Stabilizer Combination for Chlorine-Containing Polymers</i>	
<i>Ref. #</i>	<i>Patent #</i>	<i>Inventor</i>	<i>Publication Date</i>
BM	US 6,136,900	Kuhn, et al.	24-Oct-2000
	<i>Abstract</i>	<i>Stabilized Polyvinyl Chloride</i>	
<i>Ref. #</i>	<i>Patent #</i>	<i>Inventor</i>	<i>Publication Date</i>
BN	US 6,180,700	Mahood	30-Jan-2001
	<i>Abstract</i>	<i>Diphosphites</i>	

Foreign Patent Documents

No foreign documents are in the possession of the applicant at this time.

Other Documents

No other documents are in the possession of the applicant at this time.

Presentation at National Meetings

To the knowledge of the applicant, there has been no presentation of this subject matter at National meetings.

Presentations at Invited Seminars

To the knowledge of the applicant, there has been no presentation of this subject matter at invited seminars.

Best Information Available

This Information Disclosure Statement is based upon the information contained in the undersigned attorney's file as of the filing date of this statement and is inclusive of the best information known to the undersigned at that date. Applicant submits that

the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully Submitted,
Buckingham, Doolittle & Burroughs, LLP



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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/086,619	
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	First Named Inventor	Stevenson, Don E., et al.	
	Group Art Unit	1713	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	221	Attorney Docket Number	47399.0015

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Firm or Individual name	Louis F. Wagner
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